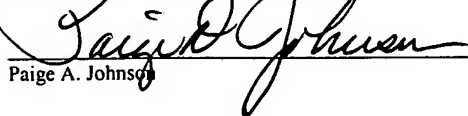


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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to MAIL STOP PATENT APPLICATION, Commissioner of Patents, P O Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: September 9, 2003

  
Paige A. Johnson

19704 U.S. PTO  
10/657852  
09/09/03

Attorney Docket No. 11000.1070u  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P O Box 1450

Alexandria, VA 22313-1450

UTILITY PATENT APPLICATION TRANSMITTAL LETTER (LARGE ENTITY)  
UNDER 37 CFR 1.53(b)

Dear Sir or Madam:

Transmitted herewith for filing is the patent application of **Jeroen Demmer, Michael Andrew Shenk, Claire Hall, and Steven Anthony Fish**

This Application claims priority to U.S. Provisional Patent Application 60/409,557 filed September 9, 2002.

For: **ANTIFREEZE PROTEINS ISOLATED FROM FORAGE GRASSES AND METHODS FOR THEIR USE**

- [X] Patent Application Data Sheet;
- [X] 51 pages of specification, claims, and abstract;
- [X] Formal Drawings (Figs.1-13; 5 sheets);
- [X] 20 pages of Sequence Listing;
- [X] Sequence Listing Statement;
- [X] A copy of the written Sequence Listing in computer readable form (CRF) on diskette;
- [X] Combined Declaration and Power of Attorney (unsigned);
- [X] Check in the amount of \$1,468.00 is enclosed herewith to cover the filing fees; and
- [X] Return-receipt postcard.

The claims have been calculated as follows:

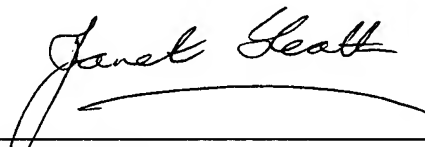
| CLAIMS AS FILED              |                 |   |                 |            |                        |
|------------------------------|-----------------|---|-----------------|------------|------------------------|
| For                          | Number<br>Filed |   | Number<br>Extra | Rate       | Basic Fee<br>\$ 750.00 |
| Total Claims                 | 35 - 20         | = | 15              | x \$ 18.00 | \$ 270.00              |
| Independent Claims           | 5 - 3           | = | 2               | x \$ 84.00 | \$ 168.00              |
| Multiple Dependent Claim Fee |                 |   |                 | \$280.00   | \$ 280.00              |
| TOTAL FEE                    |                 |   |                 |            | \$1,468.00             |

1. Applicant does not qualify as a small entity status under 37 CFR 1.9 and 1.27, and therefore, the large entity filing fee is enclosed herewith.
2. A check in the amount of **\$1,468.00** is enclosed in payment of the above TOTAL FEE.
4. Address all future correspondence and telephone calls to **Janet Sleath** at:

SPECKMAN LAW GROUP  
1501 Western Avenue, Suite 100  
Seattle, Washington 98101  
Tel: (206) 382-1191  
Fax: (206) 382-2669

The Commissioner is hereby authorized to charge any additional fees, which may be required in connection with the filing of this application, or credit any overpayment, to Deposit Account No. 19-3555. A duplicate copy of this transmittal is enclosed.

Respectfully Submitted,

By:   
Janet Sleath  
Registration No. 37,007

Date: September 9, 2003  
SPECKMAN LAW GROUP  
Customer No. 20601